

- 1 What is claimed is:
- 2
- 3 1. A doorbell arrangement comprising:
- 4 *Sub. A1* a user interface for entering a user code indicative of a specific visitor;
- 5 a logic circuit for identifying the specific visitor based on the entered user code;
- 6 and
- 7 a signal transmitter for transmitting a particular response signal wherein the
- 8 particular response signal is based on the identification of the user by the logic circuit.
- 9
- 10 2. The arrangement of claim 1 further comprising a memory for storing the response
- 11 signals to the signal transmitter.
- 12
- 13 3. The arrangement of claim 1 wherein the user interface is a keypad and the user code is
- 14 a keystroke sequence.
- 15
- 16 4. The arrangement of claim 1 wherein the user interface is a camera and the user code is
- 17 image data captured by the camera.
- 18
- 19 *Sub. A2* 5. The arrangement of claim 1 wherein the user interface is a microphone and user code is
- 20 a sound created by the user.
- 21
- 22 6. The arrangement of claim 2, wherein the signal transmitter is a speaker and the
- 23 particular response signal is an audio signal.
- 24
- 25 7. The arrangement of claim 1 further comprising a computer for providing the response
- 26 signals to the signal transmitter.
- 27
- 28 8. The arrangement of claim 7, wherein the signal transmitter is a speaker and the
- 29 particular response signal is an audio signal.
- 30

- 1 9. The arrangement of claim 8 wherein the signal generator is a first communication
2 device and the particular signal is a radio frequency signal.
3
- 4 10. The arrangement of claim 9 further comprising a second communication device for
5 receiving the radio frequency signal from the first communication device.
6
- 7 11. The arrangement of claim 10 wherein the second communication device is a mobile
8 telephone.
9
- 10 12. The arrangement of claim 6 wherein the user interface is a keypad and the user code is
11 a keystroke sequence.
12
- 13 13. A method of identifying a visitor by using a doorbell arrangement having a user
14 interface for entering a user code, the method comprising:
15 receiving the user code via the user interface wherein the user code is indicative of
16 the visitor;
17 automatically identifying the visitor from the user code; and
18 transmitting a signal in response to the identification of the visitor, wherein the
19 response signal is indicative of the visitor.
20
- 21 14. The method of claim 13 wherein the step of automatically identifying the visitor
22 comprises:
23 comparing the user code with a plurality of stored codes; and
24 determining the identity of the visitor from the stored code that matches the user
25 code.
26
- 27 15. The method of claim 14 wherein the user interface is a keypad and the user code is a
28 keystroke sequence entered on the keypad.
29
- 30 16. The method of claim 14 wherein the user interface is a microphone and the user code

1 is a sound created by a user.

2

3 17. The method of claim 14 wherein the user interface is a camera, and the user code is
4 image data captured by the camera

5

6 18. The method of claim 14 wherein the signal transmitted in response to the user code is
7 an audio signal.

8

9 19. The method of claim 18 wherein the audio signal is one of a plurality of alarm signals,
10 wherein the alarm signal transmitted is dependant upon the number of times user codes
11 are entered within a predetermined timeframe.

12

13 20. The method of claim 14 wherein the signal transmitted in response to the user code is
14 a radio frequency signal to be received by a communication device at a remote location
15 through which a home dweller and the visitor is able to communicate.

16

17